REMARKS/ARGUMENTS

On entry of the instant amendment Claims 31-38 are pending. Claims 31 and 32 have been amended to particularly point out the applicant's invention. It is respectfully submitted that Claims 31 and 32 as well as newly-added Claims 33-38 define patentable subject matter over the references of record.

Claim Rejections – 35 U.S.C. § 102(e)

Claims 31 and 32 have been rejected under 35 U.S.C. § 102(e) as being anticipated by Rangan, et al., U.S. Patent No. 6,198,833. In order for there to be anticipation, each and every one of the elements of the claims must be found in a single reference. It is respectfully submitted that Claims 31 and 32, as well as newly-added Claims 33-38, include elements clearly not suggested or disclosed in the Rangan, et al. patent. In particular, Claim 31 recites, in combination, a method which includes a step for determining the location where an action by a pointing device has occurred. This claim also recites the step of determining a color value with the selected location and automatically associating an event with the color value in succeeding video frames. Claim 32 is similar. Claim 35 recites a system in which the locations of an object selected by a pointing device are determined. This claim also recites determining a color range for the selected object and associating an event with the color range in succeeding video frames. Claim 34 is similar. Claims 35 and 36 are similar but relate to a color pattern. Finally, Claims 37 and 38 are similar but relate to an edge of a selected object.

The support for Claims 31 and 32 is provided on pages 20 and 21 of the Specification. The examiner's attention is specifically directed to Table 1 on pages 20 and 21. The support for Claims 33 and 34 is provided pages 21-24. The support for

Claims 35 and 36 is provided on page 24 of the specification. The support for Claims 37 and 38 is provided on pages 24 and 25 of the specification. An important aspect of the invention relates to the simplicity of the computation of the system and method recited in the claims at issue for automatically associating events in succeeding video frames with a selected object in a first frame. As an example, the examiner is respectfully requested to view Table 1 on pages 20 and 21. In the system and method, recited in the claims at issue, for example, as reciting Claims 32 and 33, the system simply associates events such as URLs with color values on succeeding video screens. In the alternate embodiments, the computation is done in a manner much less complex than that taught by the Rangan, et al. patent which requires a digital signature of all of the pixels within a wire frame used to encapsulate the selected object. Essentially, the digital signature in the Rangan, et al. patent is comprised of a color characteristic value such as the RGB value of every pixel in the wire frame. In succeeding video frames, all of the pixels in the frame are compared with the digital signature to determine the location of the selected object. Such a process is extremely computation-intensive – much more computation than the system recited in the claims at issue.
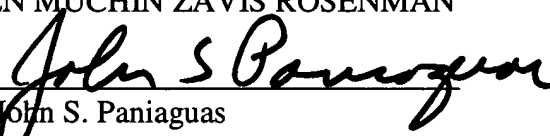
CONCLUSION

For these reasons, it is respectfully submitted that the Claims 31 and 32, as well as the newly-added Claims 33-38, are not anticipated or suggested by the Rangan, et al. patent.

Respectfully submitted,

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